

PLANS FOR CONSTRUCTION OF:

MISSOURI HEADWATERS STATE PARK

SITE IMPROVEMENTS PROJECT

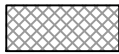





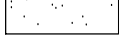

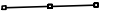

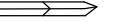





NEAR THREE FORKS, MONTANA
FWP #7096417

SHEET INDEX



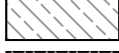
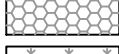




TITLE SHEET	T1
CAMPGROUND SITE PLAN 1	C1
CAMPGROUND SITE PLAN 2	C2
LING ROCK SITE PLAN	C3
BOAT LAUNCH SITE PLAN	C4
DETAILS & NOTES	C5
DETAILS	C6

LEGEND

EXISTING FEATURES

	BUILDINGS		LANDSCAPING ROCK
	ASPHALT		SIGN
	CONCRETE		TELEPHONE PEDESTALS
	GRAVEL		METAL GATE
	WOOD FENCE		METAL GATE POST
	JACKLEG FENCE		FIRE PIT
	CONTROL POINT		DECIDUOUS TREE
			LIGHT POLE
			CONCRETE CURB STOP

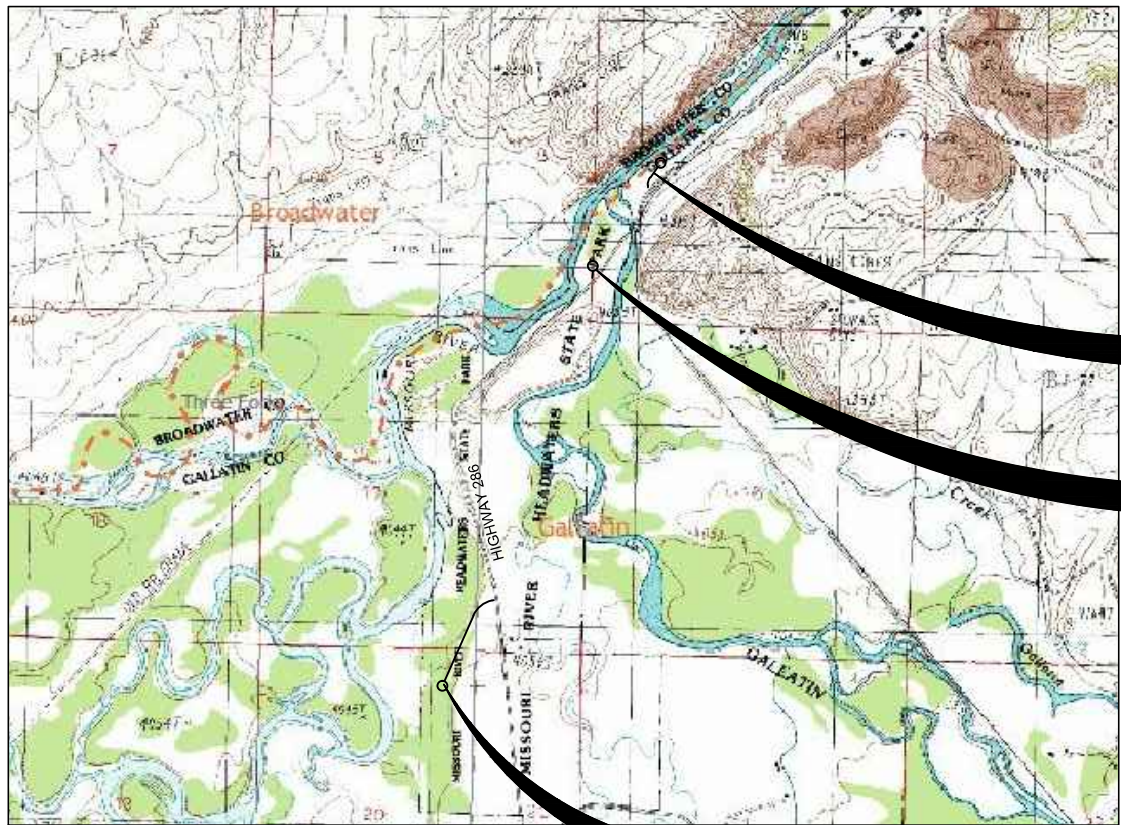
NEW FEATURES

	3" GRAVEL SECTION
	NEW GRAVEL SECTION
	VARIABLE DEPTH GRAVEL SECTION
	GRAVEL SECTION WITH GEOTEXTILE
	IMPORT TOPSOIL
	LANDSCAPING ROCK
	RELOCATED SIGN
	CAMP SITE IDENTIFICATION NUMBER

SPOT ELEVATION LEGEND

	ELEVATION
	FILL HEIGHT ABOVE EXISTING GROUND TO FINISH GRADE (NOT SHOWN ON ALL SPOT ELEVATIONS)

PROJECT LOCATION MAP



BOAT LAUNCH
PARKING PROJECT
SEE SHEET C4

LING ROCK
PARKING PROJECT
SEE SHEET C3

CAMPGROUND PROJECT
SEE SHEETS C1-C2



J. LARSON
DRAWN BY: DATE:
J. LARSON
CHECKED BY: DATE:

REVISED BY: DATE:
J. LARSON
APPROVED BY: DATE:

APPROVED BY: DATE:
APPROVED BY: DATE:



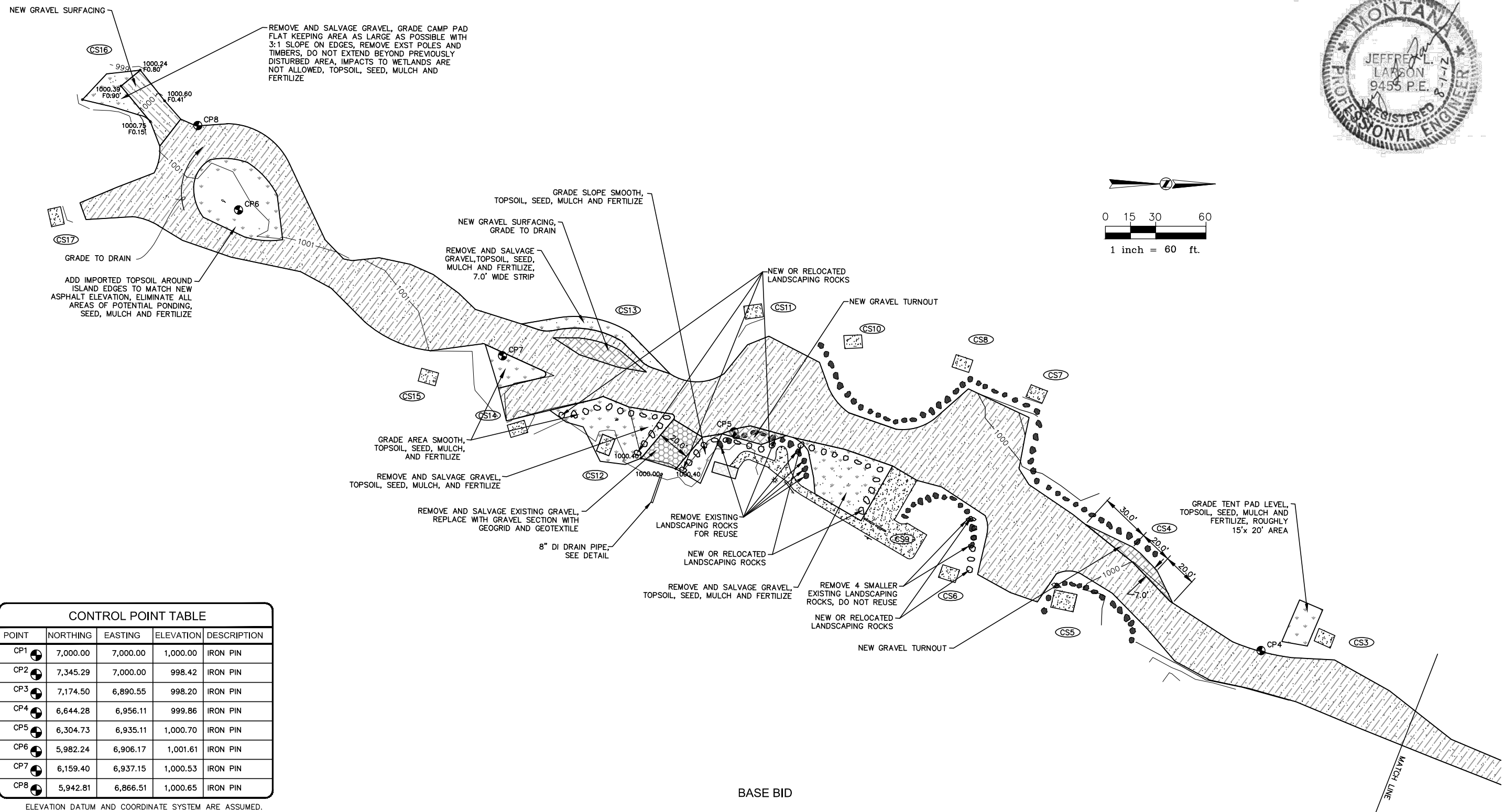
**Montana Fish,
Wildlife & Parks**

TITLE SHEET
MISSOURI HEADWATERS STATE PARK
FWP #7096417



28 ANTLER AVENUE
CLANCY, MT 59634
406-443-6111
jeff@larsonce.com

SHEET: **T1**



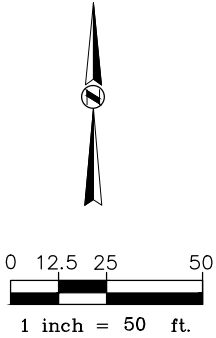
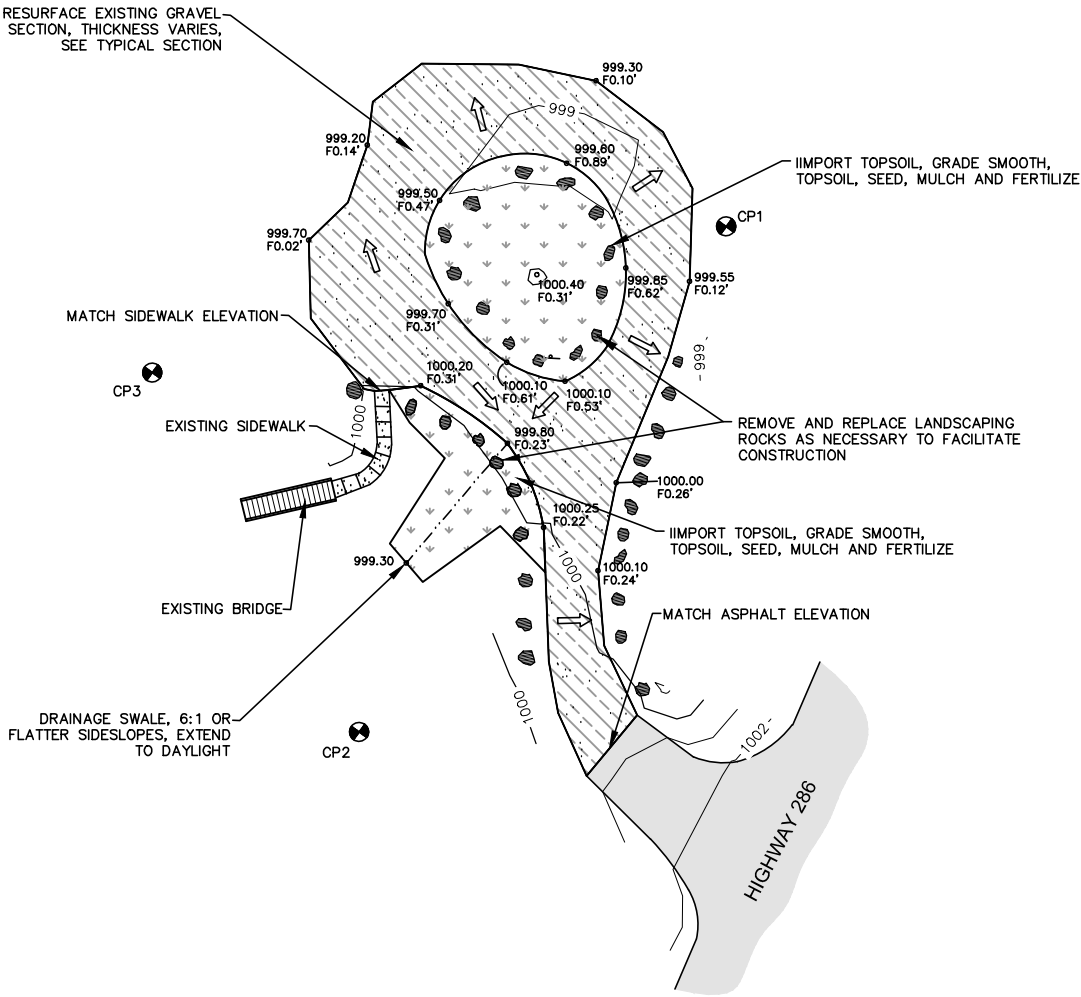
CONTROL POINT TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP1	7,000.00	7,000.00	1,000.00	IRON PIN
CP2	7,345.29	7,000.00	998.42	IRON PIN
CP3	7,174.50	6,890.55	998.20	IRON PIN
CP4	6,644.28	6,956.11	999.86	IRON PIN
CP5	6,304.73	6,935.11	1,000.70	IRON PIN
CP6	5,982.24	6,906.17	1,001.61	IRON PIN
CP7	6,159.40	6,937.15	1,000.53	IRON PIN
CP8	5,942.81	6,866.51	1,000.65	IRON PIN

ELEVATION DATUM AND COORDINATE SYSTEM ARE ASSUMED.

CONTROL POINT TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP1	3,000.00	3,000.00	1,000.00	IRON PIN
CP2	2,837.36	3,000.00	1,002.92	IRON PIN
CP3	2,881.37	2,901.43	1,004.66	IRON PIN

ELEVATION DATUM AND COORDINATE SYSTEM ARE ASSUMED.



ADDITIVE ALTERNATE #1

J. LARSON	AUGUST 1, 2012		
DRAWN BY:	DATE:	REVISED BY:	DATE:
J. LARSON	AUGUST 1, 2012	J. LARSON	AUGUST 1, 2012
CHECKED BY:	DATE:	APPROVED BY:	DATE:

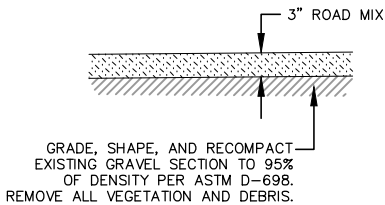


LING ROCK SITE PLAN
MISSOURI HEADWATERS STATE PARK
FWP #7096417

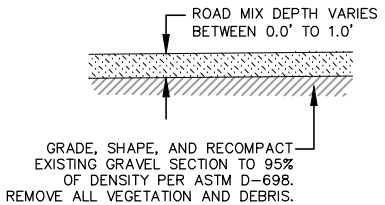
LARSON
CIVIL
ENGINEERING, LLC
28 ANTLER AVENUE
CLANCY, MT 59634
406-443-6111
jeff@larsonce.com

SHEET: C3

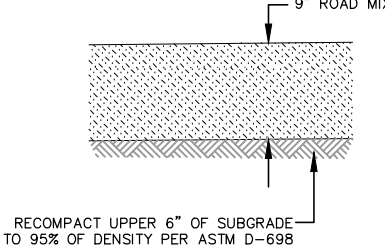
3" GRAVEL SECTION



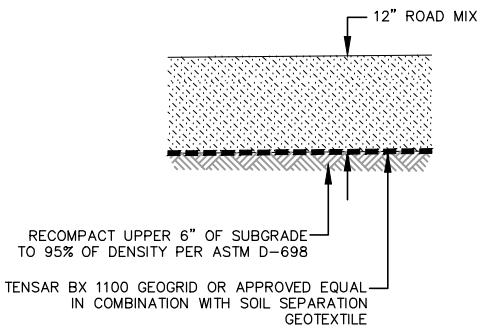
VARIABLE DEPTH GRAVEL SECTION



NEW GRAVEL SECTION

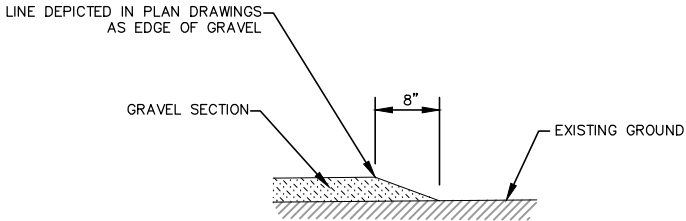


GRAVEL SECTION WITH GEOGRID

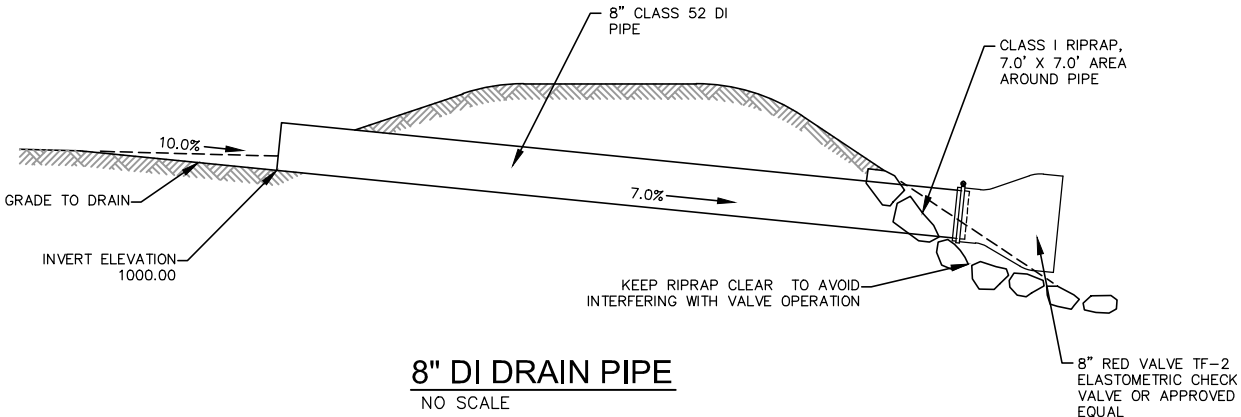


NOTE:
GEOGRID AND GEOTEXTILE SHALL EXTEND A MINIMUM OF 4.0' BEYOND THE EDGE OF GRAVEL UNDER THE ADJACENT GRASSY AREA.

PARKING TYPICAL SECTIONS
NO SCALE



GRAVEL EDGE DETAIL
NO SCALE



8" DI DRAIN PIPE
NO SCALE

CONSTRUCTION NOTES:

1. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH "MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS", SIXTH EDITION (MPW).
2. BEFORE DIGGING, CALL 811 FOR LOCATION OF EXISTING UTILITIES.
3. ROAD MIX SHALL BE 1" MINUS CRUSHED BASE COURSE PER MPW SPECIFICATIONS, EXCEPT THAT THE AMOUNT PASSING THE NUMBER #200 SIEVE SHALL BE BETWEEN 6% TO 12%.
4. ALL DISTURBED AREAS AND AREAS DESIGNATED IN THE PLANS FOR SEEDING SHALL BE TOPSOILED, SEEDED, MULCHED AND FERTILIZED. TOPSOIL SHALL BE IMPORTED TOPSOIL PLACED MINIMUM 4" DEEP. SEED MIX SHALL BE NATIVE DRYLAND AS PROVIDED BY CASHMAN'S NURSERY OR APPROVED EQUAL.
5. THE CONTRACTOR SHALL REMOVE AND RESET ALL PICNIC TABLES AND FIRE PITS IN CONFLICT WITH CONSTRUCTION.
6. THE CONTRACTOR SHALL REMOVE AND RESET ALL CONCRETE CURB STOPS IN CONFLICT WITH CONSTRUCTION.
7. ALL EXCAVATION AND EMBANKMENT ON THIS PROJECT, SHALL MEET THE REQUIREMENTS OF MPW SPECIFICATION 02/230 STREET EXCAVATION, BACKFILL AND COMPACTION.
8. CRUSHED TOP SURFACE SHALL BE PLACED AND COMPACTED AS IDENTIFIED IN MPW SPECIFICATION 02/235 CRUSHED BASE COURSE.
9. THE DRAWINGS ARE INTENDED TO COMMUNICATE THE INTENT OF THE PROJECT ONLY AND DO NOT INCLUDE ALL EXISTING FEATURES. CONTRACTOR IS RESPONSIBLE TO INSPECT THE SITE TO DETERMINE FEATURES IN CONFLICT WITH THE WORK.
10. REMOVE AND REPLACE CARSONITE CAMP SPACE MARKER POSTS AS NECESSARY TO FACILITATE CONSTRUCTION.
11. ALL GRAVEL SURFACES SHALL BE GRADED TO DRAIN. NO AREAS OF STANDING WATER ARE ALLOWED ON OR ADJACENT TO GRAVEL SURFACES.
12. SUBMITTALS FOR AGGREGATE MATERIALS ARE REQUIRED 15 DAYS IN ADVANCE OF THE NOTICE TO PROCEED. SUBMITTALS SHALL INCLUDE THE FOLLOWING AT A MINIMUM; SIEVE ANALYSIS, PROCTOR AND ATTERBERG LIMITS. ONCE A MATERIAL SOURCE IS APPROVED, THE CONTRACTOR SHALL PROVIDE MATERIALS FROM THE SAME SOURCE THROUGHOUT THE PROJECT.



J. LARSON	AUGUST 1, 2012
DRAWN BY:	DATE:
J. LARSON	AUGUST 1, 2012
CHECKED BY:	DATE:

REVISED BY:	DATE:
J. LARSON	AUGUST 1, 2012
APPROVED BY:	DATE:

APPROVED BY:	DATE:
APPROVED BY:	DATE:



Montana Fish & Wildlife & Parks

DETAILS AND NOTES
MISSOURI HEADWATERS STATE PARK
FWP #7096417



28 ANTLER AVENUE
CLANCY, MT 59634
406-443-6111
jeff@larsonce.com

SHEET: C5



J. LARSON	AUGUST 1, 2012				
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED BY:	DATE:
J. LARSON	AUGUST 1, 2012	J. LARSON	AUGUST 1, 2012		
CHECKED BY:	DATE:	APPROVED BY:	DATE:	APPROVED BY:	DATE:



**Montana Fish,
Wildlife & Parks**

DETAILS

MISSOURI HEADWATERS STATE PARK

FWP #7096417



28 ANTLER AVENUE
CLANCY, MT 59634
406-443-6111
jeff@larsonce.com

C6